

KOCHERGIN et al.
Appl. No. 10/686,520
January 16, 2006

AMENDMENTS TO THE SPECIFICATION:

Please replace paragraph 0072 with the following amended paragraph:

[0072] FIG. 14 is a perspective and schematic view of an exemplary illustrative non-limiting optical system using a spectral filter.

FIG. 14a shows the non-limiting system of FIG. 14 including a conventional photodetector.

FIG. 15 shows an example conventional transmission bandpass filter characteristic.

FIG. 16 shows an example conventional transmission bandblocking filter characteristic.

FIG. 17 shows an example conventional reflection bandpass filter characteristic.

FIG. 18 shows an example conventional reflection bandblocking filter characteristic.

FIG. 19 shows example waveguides having more than one length segment of contiguous modulations along their depth separated by unmodulated segments.

FIG. 20 shows waveguides with length segments of modulation of different periods and/or structures of modulation.

FIG. 21 shows example waveguides having at least one end tapered.